

**PRODUCT CODE: 131154****di-Phosphorus Pentoxide (Reag. Ph. Eur.) for analysis, ACS, ISO**



M.= 141,94

CAS [1314-56-3]

EINECS 215-236-1

TARIC 2809 10 00 00

PHYSICAL DATA: powder, White, Reacts violently with water and ethanol. Miscible with ether, chloroform or benzene Hygroscopic • D 2,39 • M.P.: 569 °C •

BIBLIOGRAPHY: Merck Index **12**, 7.512 13, 7.441 Sax **PHS250** • Safety **2**, **2824 C** • Römp **8**, **3168** • Kühn-Birett **P 22** • Fieser **1871 7291 10319 15267** • ACS **XI** • ISO 6353/3-1987R - 74, 44 •

HAZARDOUS: C.E: 015-010-00-0 • RTECS: TH 3945000 • LC50 rat 1217mg/m³ / 1h • VLA-EC 2 mg/m³ VLA-ED 1 mg/m³



H: H314 •

P: P260 • P264 • P280 • P301+P330+P331 • P303+P361+P353 • P501 • P304+P340 • P305+P351+P338 • P310 • P321 • P338 • P363 • P405 •

TRANSPORT REGULATIONS: UN: 1807 • ADR: 8/II • IMDG: 8/II • IATA: 8/II • PAX: 859 • CAO: 863 • (E) •

SPECIFICATIONS:

Minimum assay (Acidim.)

98,0%

Maximum limit of impuritiesInsoluble matter in H₂O

0,02 %

Nitrogen compounds (as N)	0,002%
Phosphorus(III) oxide (P ₂ O ₃)	0,02%
As	0,005 %
Heavy metals (as Pb)	0,005%

Metals by ICP [in mg/Kg (ppm)]

Al	5
Ba	5
Be	5
Bi	5
Ca	50
Cd	5
Co	5
Cr	5
Cu	5
Fe	5
Ga	5
Hg	10
K	50
Li	5
Mg	5
Mn	5
Mo	5
Na	50
Ni	5
Pb	5
Pt	5
Sb	5
Si	5
Sn	5
Sr	5
Ti	5
Tl	5
V	5
Zn	5
Zr	5